

WHAT IS CLAIMED IS:

1 *sub a* 1. A studless tire, wherein non-metal staple fibers having an
2 average fiber diameter of 1 to 100 μm and an average length of 0.1 to 5
3 mm are dispersed in a diene rubber in such a way that the non-metal
4 staple fibers are oriented in a thickness direction of a tread, a complex
5 elastic modulus E_1 in the thickness direction of the tread and an elastic
6 module E_2 in a circumferential direction of the tire measured at 25°C
7 satisfy the equation $1.1 \leq E_1/E_2 \leq 4$, and hardness of the tread rubber
8 measured at -10°C is 45 to 75 degrees.

1 *sub b* 2. A studless tire of Claim 1, wherein the non-metal staple
2 fibers are non-metal inorganic staple fibers.

1 3. A studless tire of Claim 2, wherein the non-metal staple
2 fibers are glass fibers or carbon fibers.

sub b

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